

# ALAN MATHEW VARGHESE

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[Website](#) ♦ [LinkedIn](#) ♦ [GitHub](#)

## EDUCATION

<b>TKM College of Engineering Kollam, Kerala, India</b>	2022 - 2026
<ul style="list-style-type: none"><li>B.Tech in Computer Science and Engineering. CGPA: 8.27</li><li>Undergraduate Coursework: DSA, Operating System, Discrete Mathematics, Database.</li></ul>	
<b>Christ Central School Thiruvalla, Kerala, India</b>	2020 - 2022
<ul style="list-style-type: none"><li>CBSE 12<sup>th</sup> grade in Computer Science (94%).</li><li>Coursework: Fundamentals of programming, Python.</li></ul>	
<b>Mathews Mar Athanasius Residential School Chengannur, Kerala, India</b>	2008 - 2020
<ul style="list-style-type: none"><li>ICSE 10<sup>th</sup> grade (97%).</li></ul>	

## EXPERIENCE

- Developed a Game for **National level Techno Cultural Fest, HESTIA'23** at TKM College of Engineering, 2023
- Worked as a designer for **National level Techno Cultural Fest, HESTIA'24** at TKM College of Engineering, 2024
- Worked as a part-time designer for **Invite Invitations**, Kollam
- Attended a workshop on **Self Driving Robot** held at College of Engineering, Chengannur, 2023
- Attended a workshop on **Data Science** as part of **PyWeek** held at TKM College of Engineering, 2024
- Attended **ALL KERALA MATHS FEST, ESPOIR'23** at TKM College of Engineering

## PROJECTS

- Balloon Shooter Game with Hand Detection Model** - Balloon Shooter game played using hand gestures which are detected by Hand Detection module. Implemented using Python with Pygame and Open cv and Mediapipe modules. ([GitHub link](#))
- Car Detection Model** - A model developed to identify cars in a video and find the total number of cars in it. Implemented using Python with Open cv and Numpy modules. ([GitHub link](#))
- School Data Management System (2022)** - Data management system with features to handle student and employee details. Implemented using Python and MySQL. ([GitHub link](#))
- Calculator** - A calculator with GUI for basic operations. Implemented using Java. ([GitHub link](#))

## LEADERSHIPS

- Design Head** in Executive Committee of CSI, TKM College of Engineering (2023-2024)
- Design Team** in Executive Committee of Coding Club, TKM College of Engineering (2023-2024)
- Design Team** in Executive Committee of ACM, TKM College of Engineering (2023-2024)

## TECHNOLOGIES AND SKILLS

- Python, C++, C, Java, MySQL, HTML, CSS, JavaScript
- Figma, Photoshop, Blender, After Effects
- Leadership, Problem Solving, Creative Thinking, Independent Learner

## LANGUAGES

- English
- Hindi
- Malayalam

## HOBBIES

- Chess
- Piano
- Photography